

The diagram shows a pulse generator 6, which is a dashed-line enclosure containing several components. A battery 2 is connected to the generator's input terminals 7 and 8. Inside the generator, a bridge rectifier 4 is connected to the input. The output of the rectifier is connected to a filter 3, which consists of two inductors in series. The filter 3 is connected to a main power supply 63, which is also connected to a Vcc terminal. The main power supply 63 is connected to a filter 64, which is connected to a Vreg terminal. The Vreg terminal is connected to the non-inverting input of an operational amplifier 65. The operational amplifier 65 is also connected to a Vcc terminal and a Vreg + α terminal. The output of the operational amplifier 65 is connected to a timer 67. The timer 67 is also connected to a Vcc terminal and a Vreg + α terminal. The output of the timer 67 is connected to a pulse generator 70. The pulse generator 70 is connected to a Vcc terminal and a Vreg + α terminal. The output of the pulse generator 70 is connected to a switch 5, which is connected to a load 5. The load 5 is connected to ground. The switch 5 is controlled by a pulse 71, which is connected to the Vreg + α terminal. The pulse 71 is connected to a Vcc terminal and a Vreg + α terminal. The pulse 71 is connected to a Vcc terminal and a Vreg + α terminal.

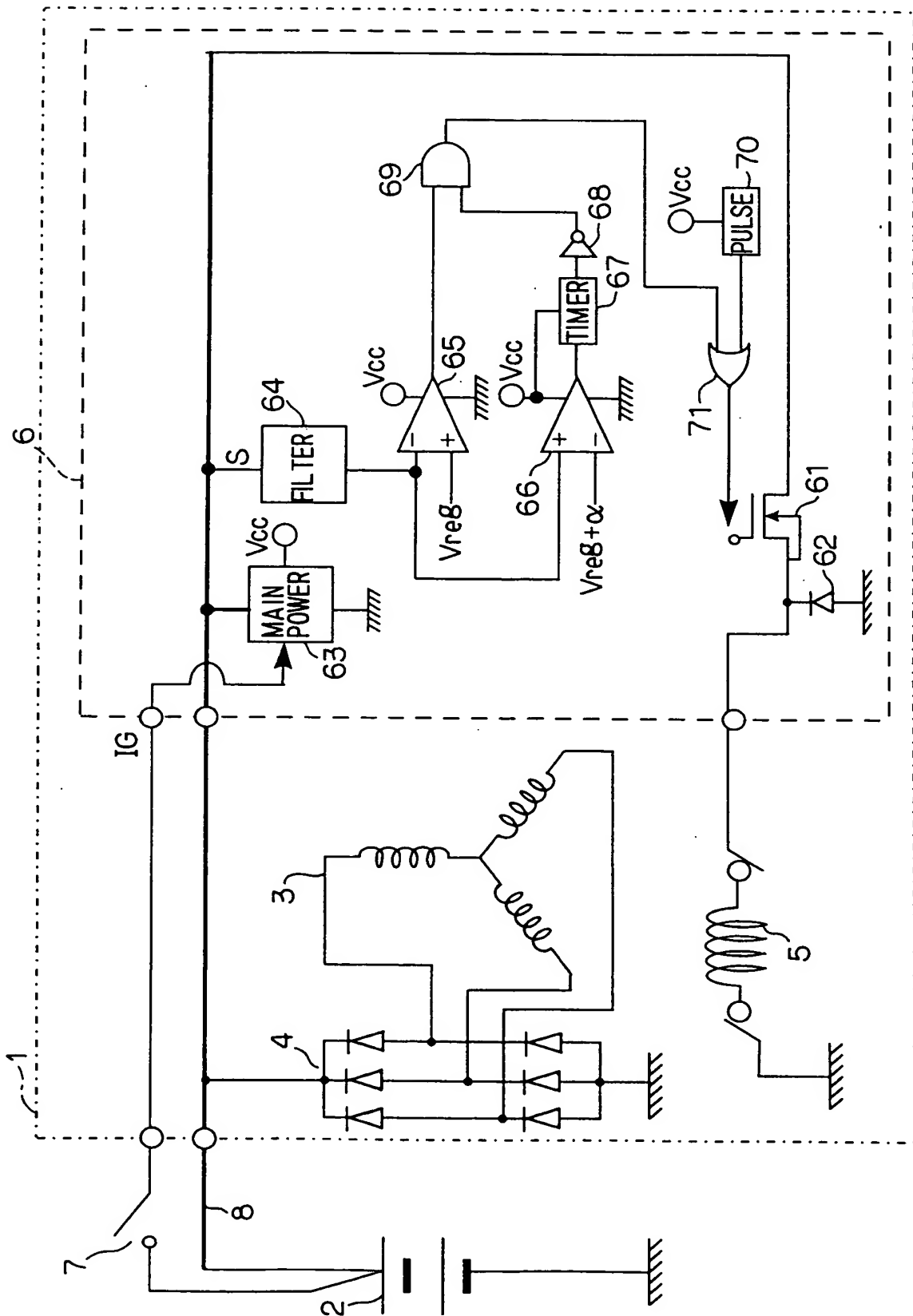


FIG. 2

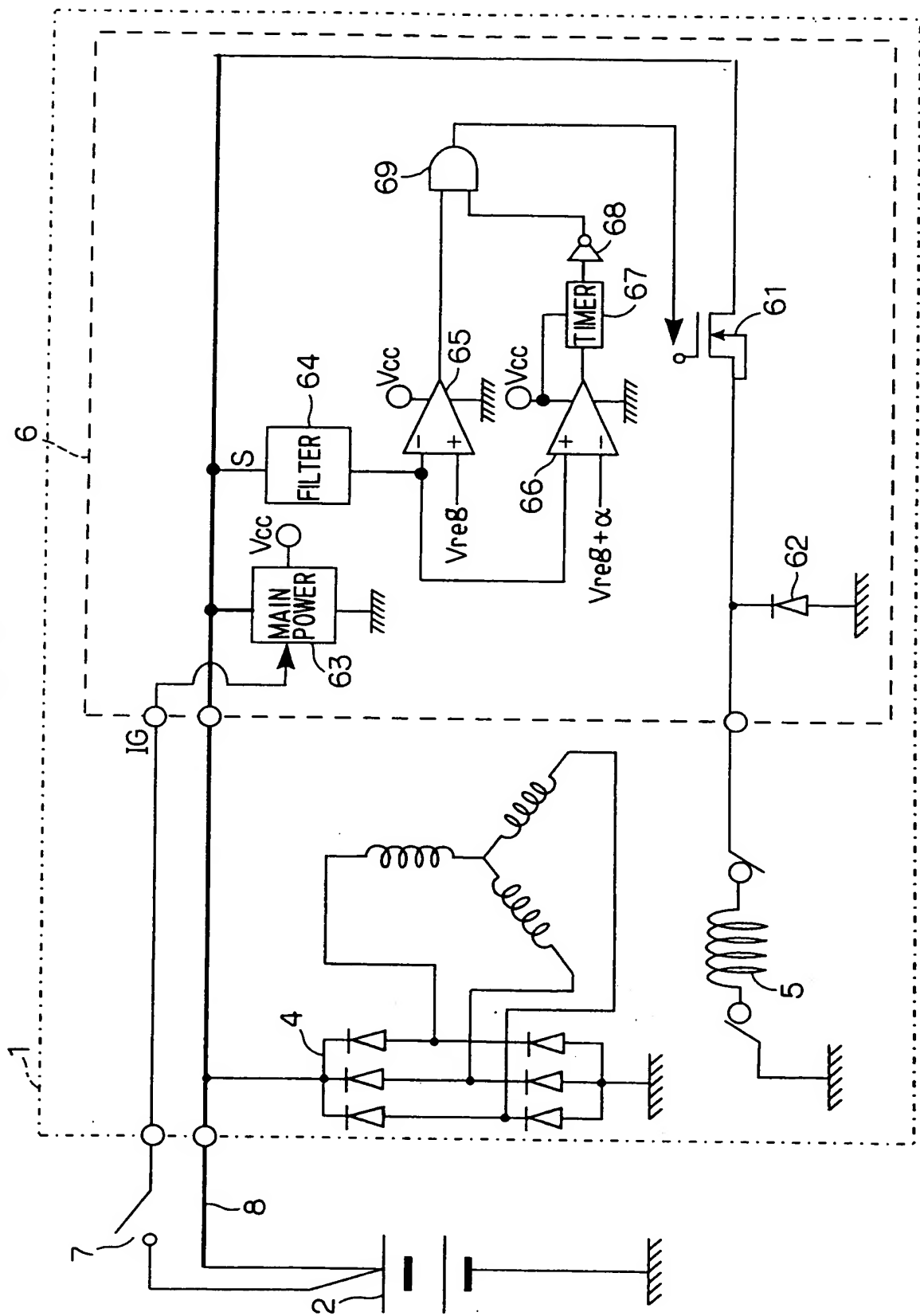
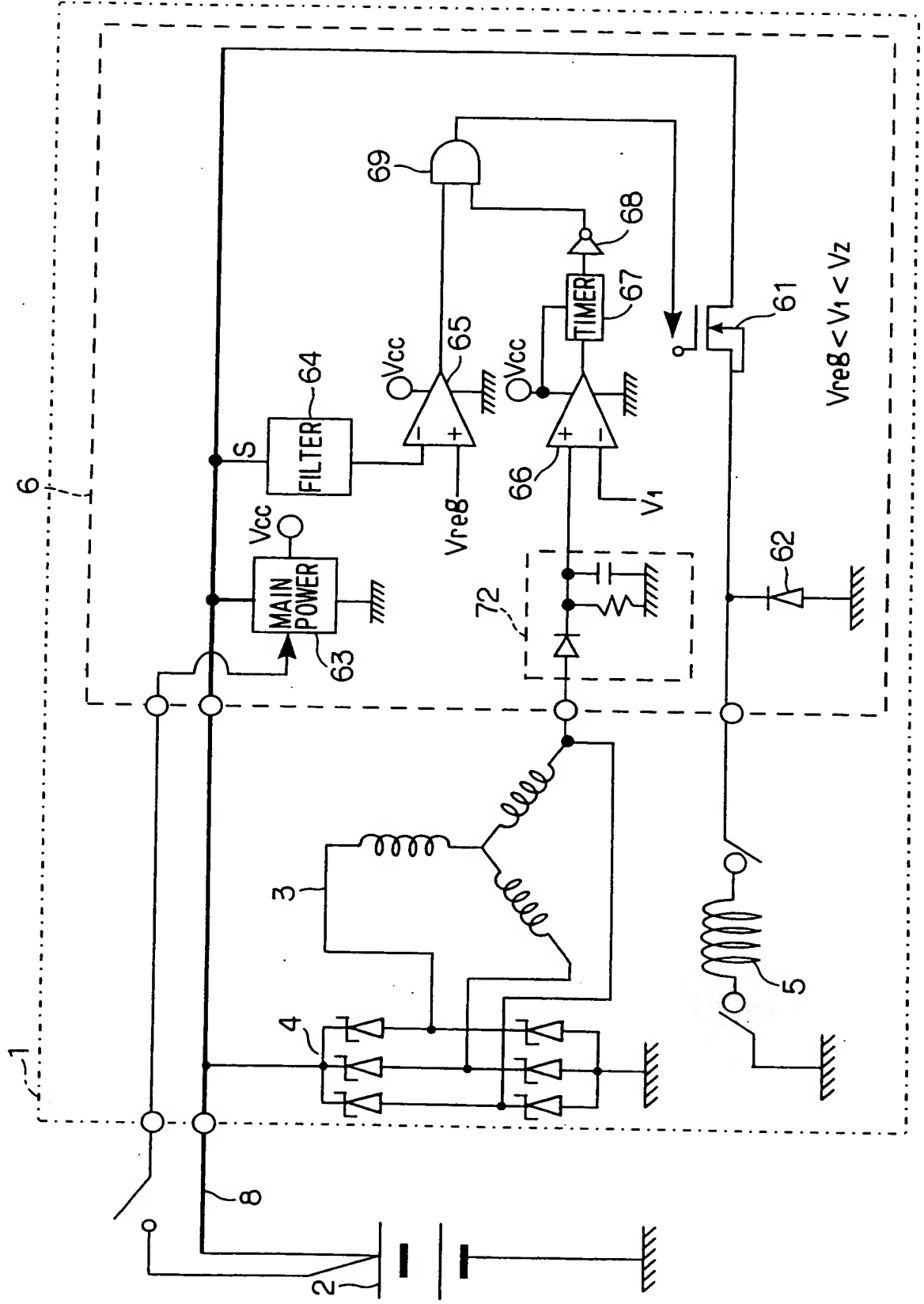


FIG. 3



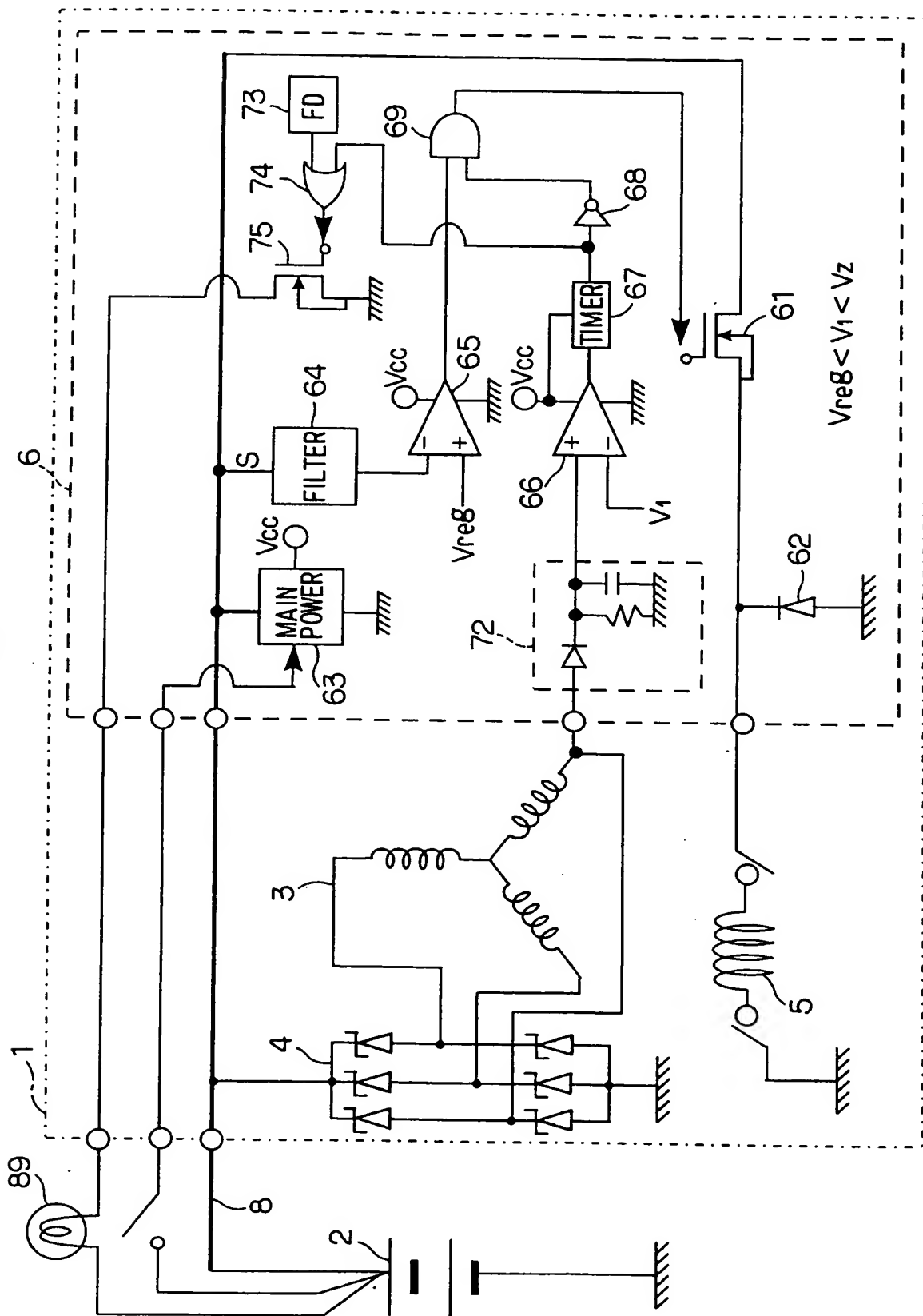
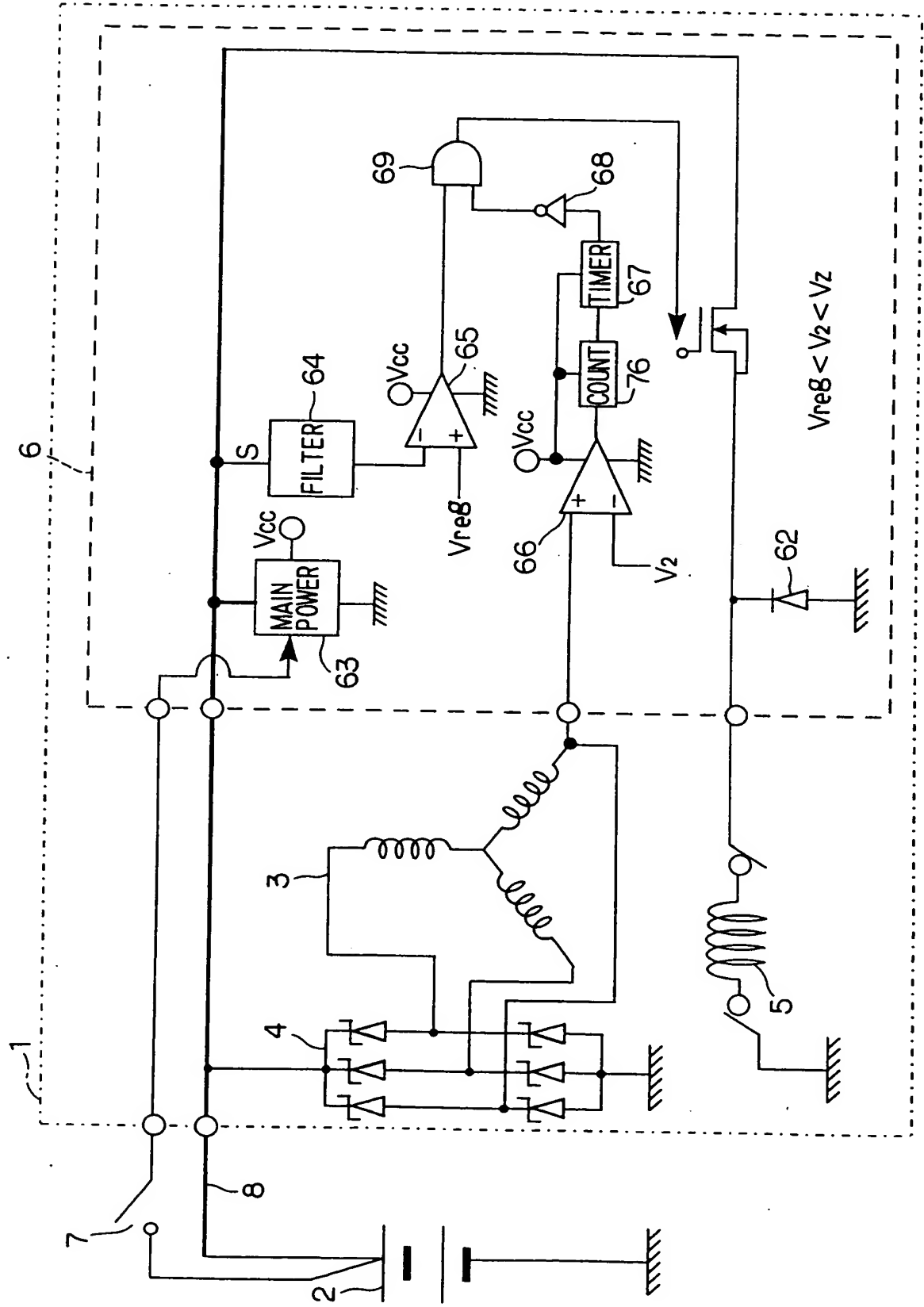


FIG. 5



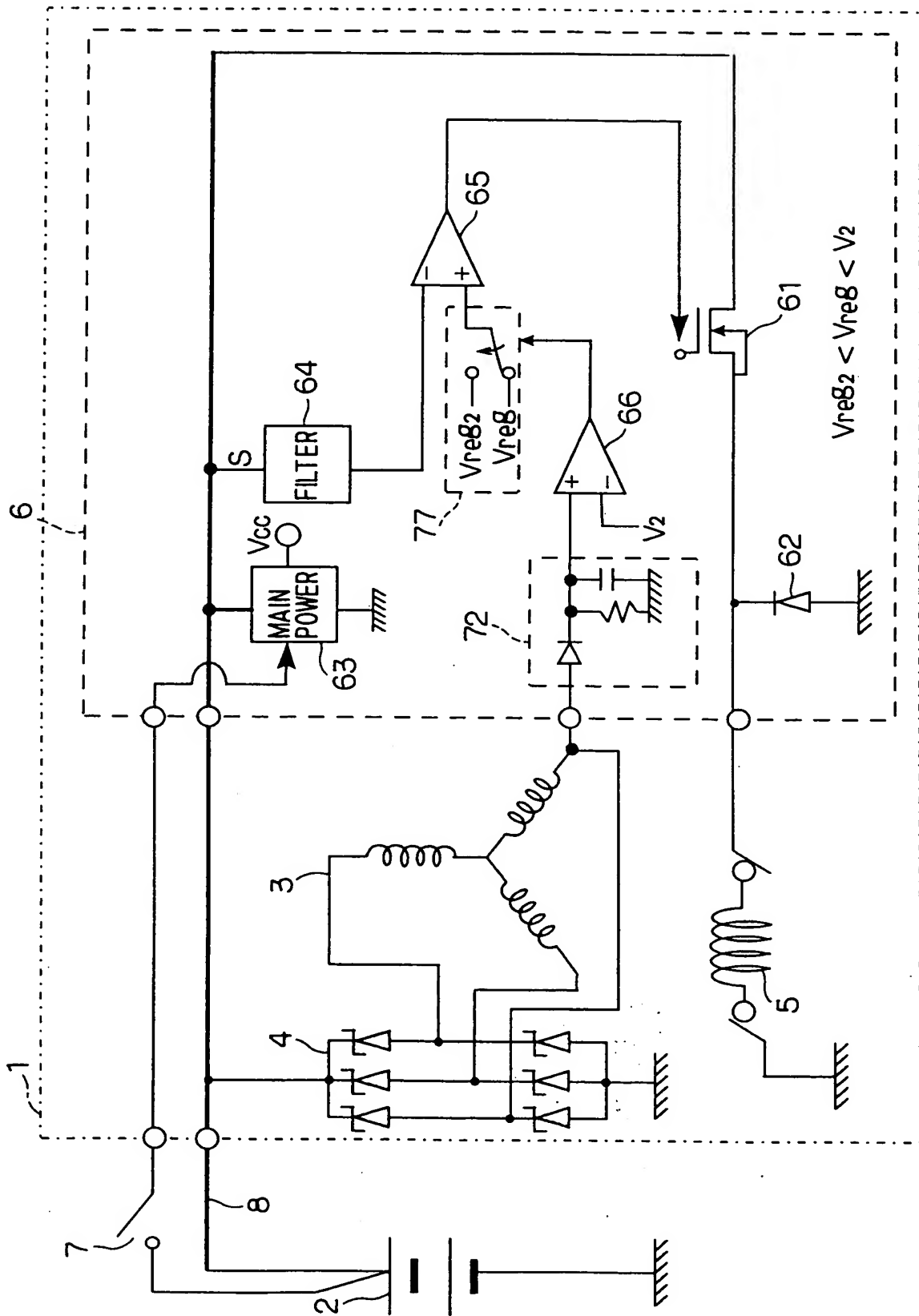
[illegible]

FIG. 7

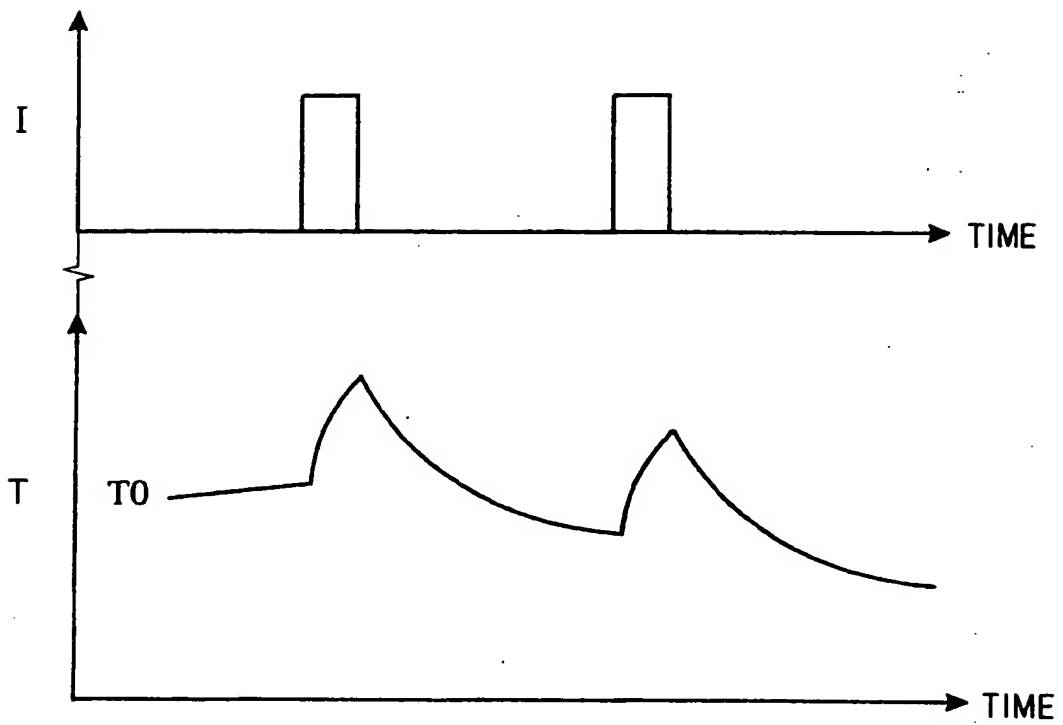


FIG. 22 PRIOR ART

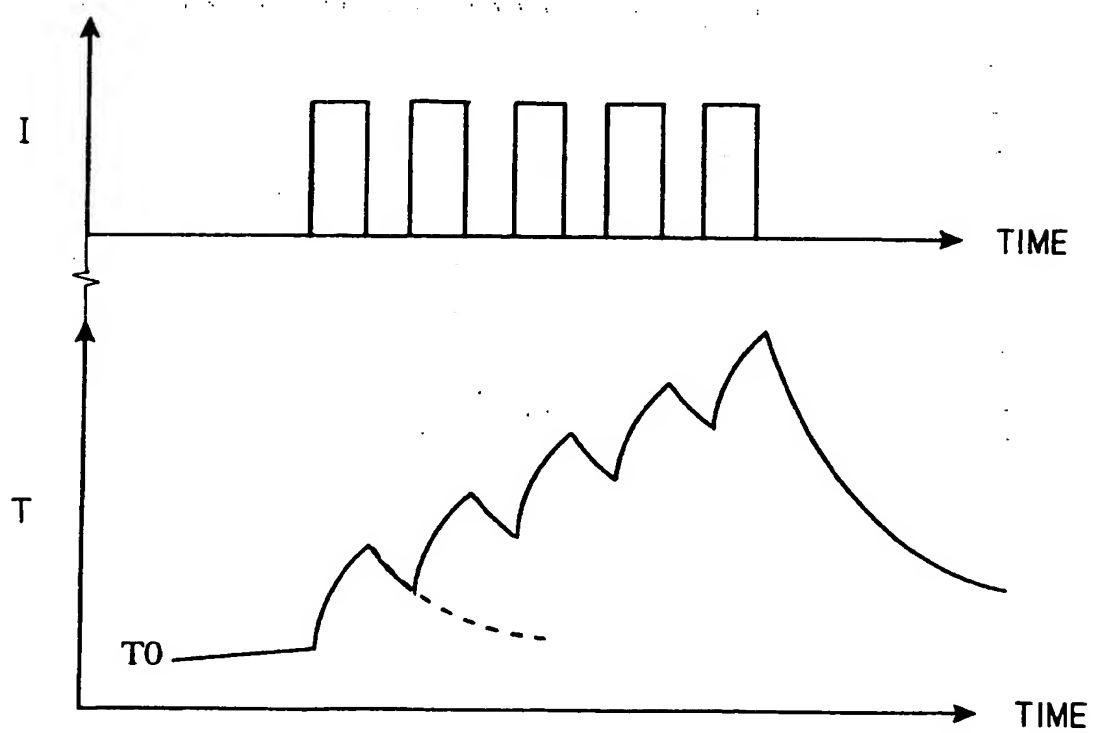


FIG. 8

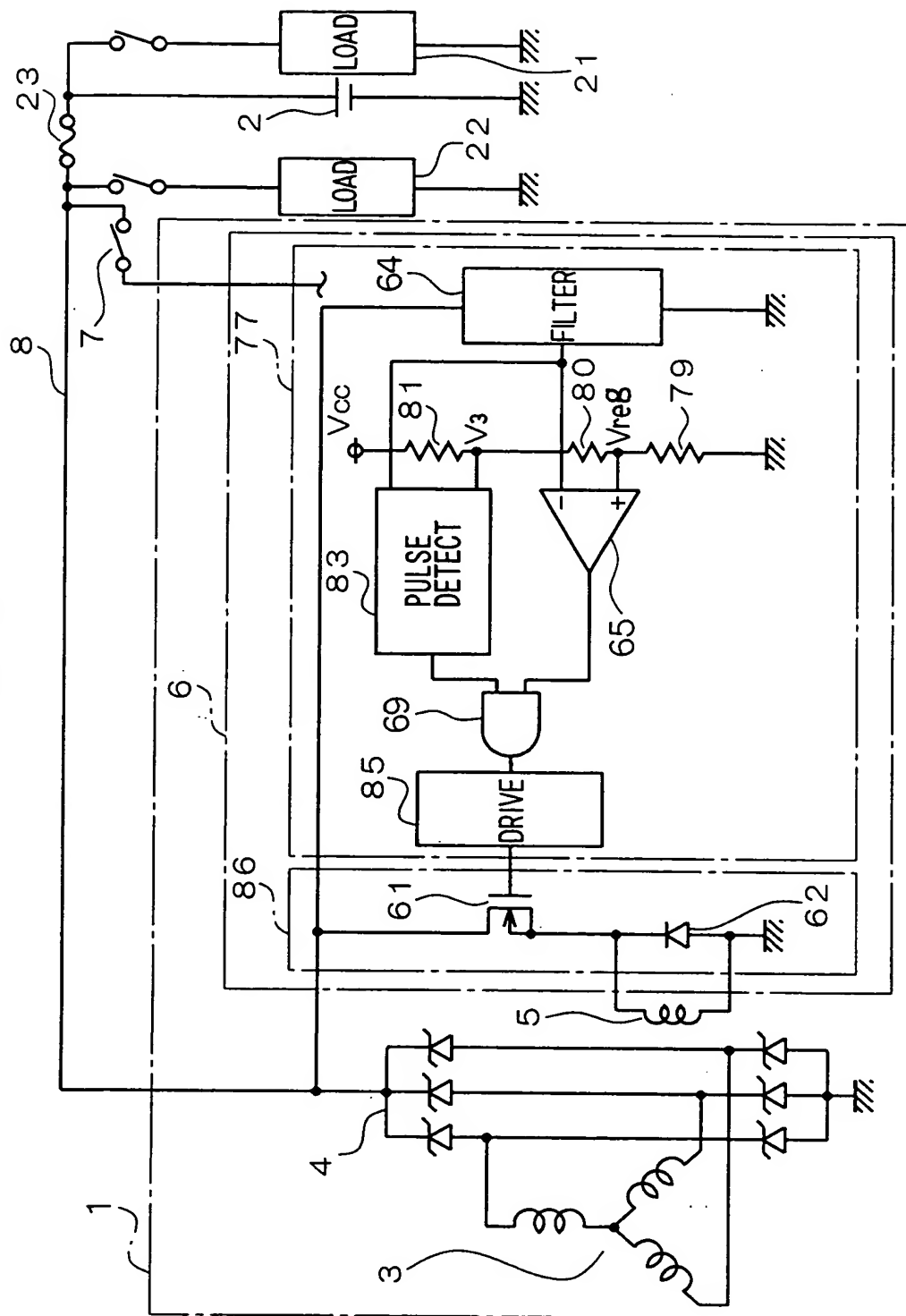


FIG. 9

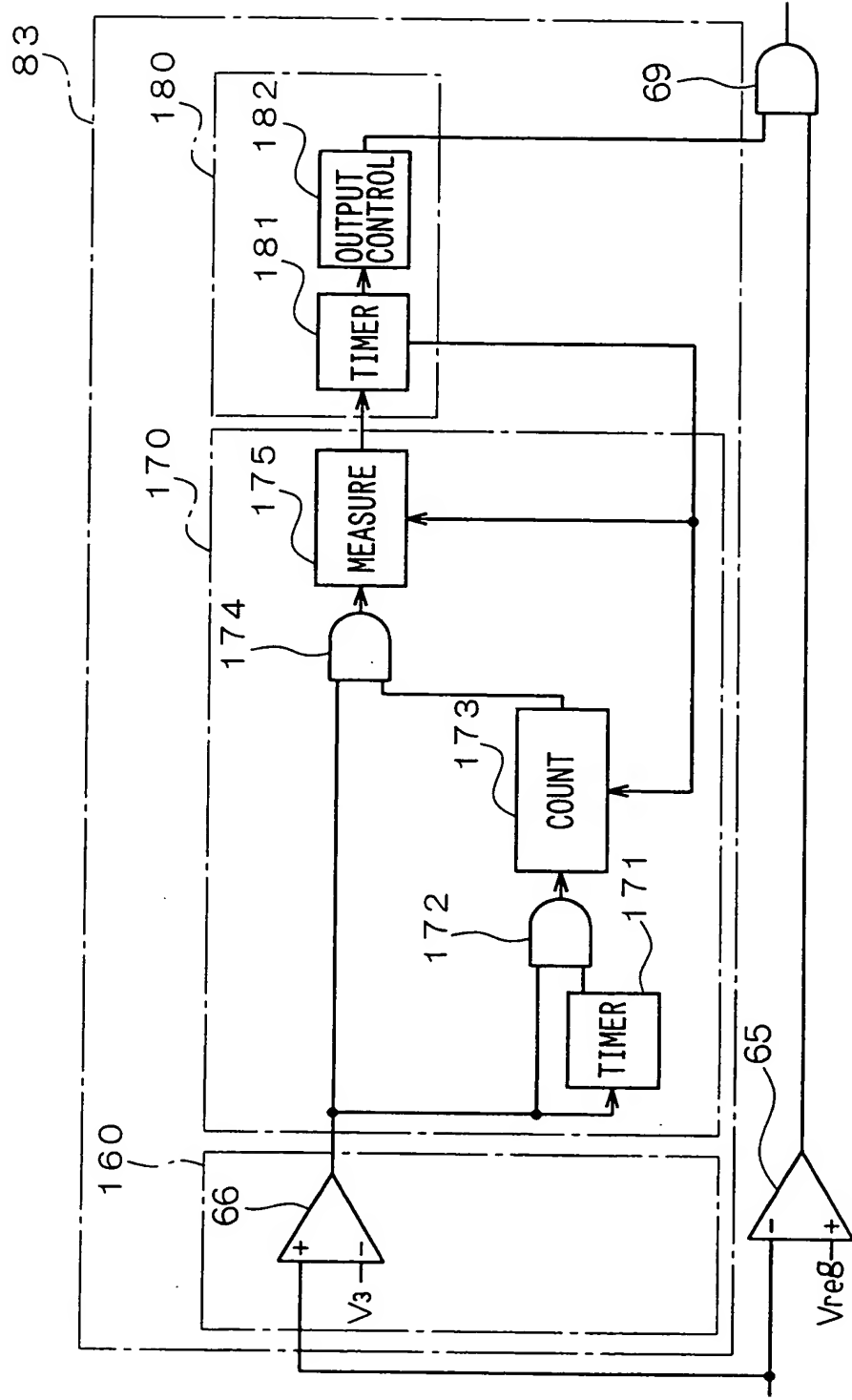


FIG. 10

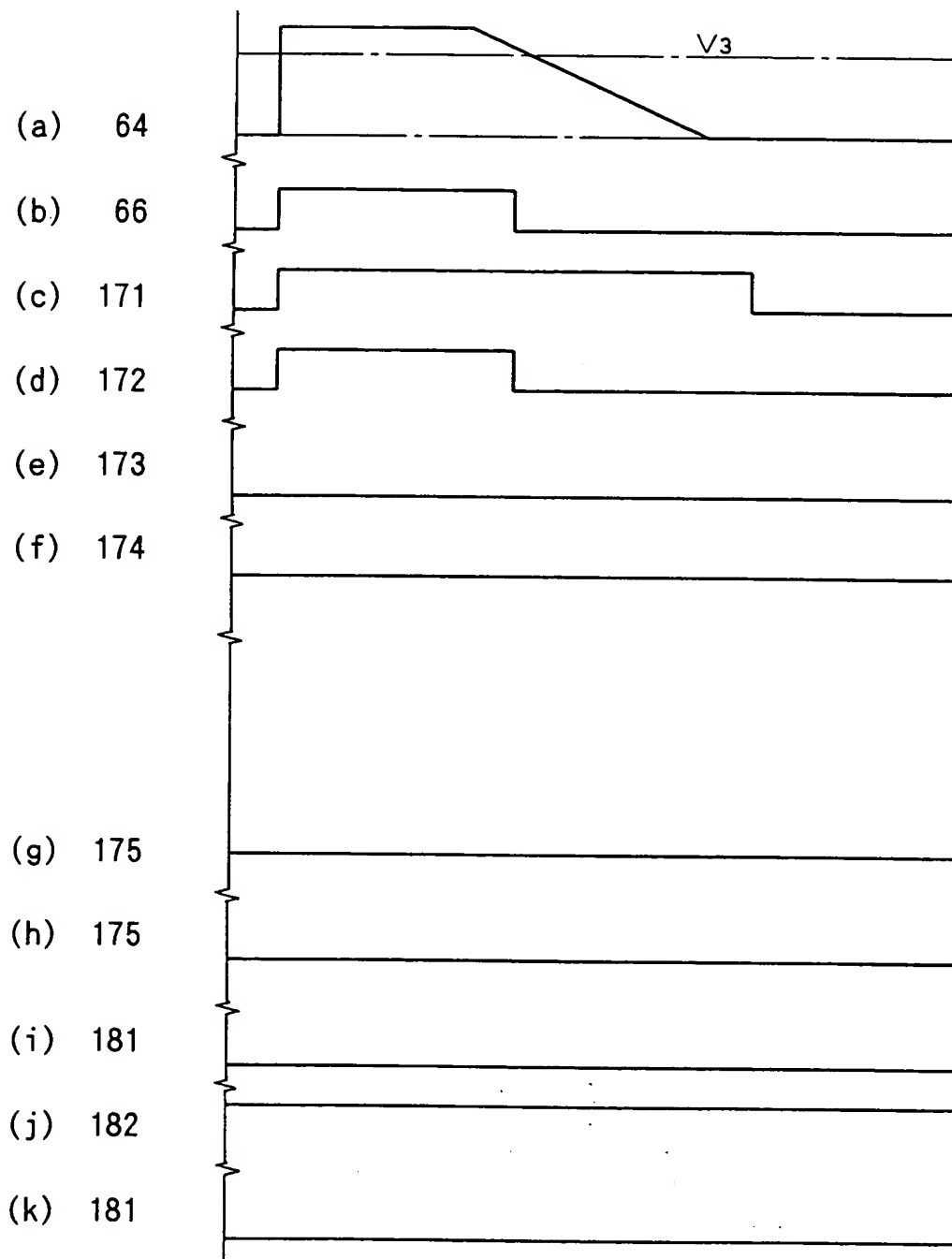


FIG. 11

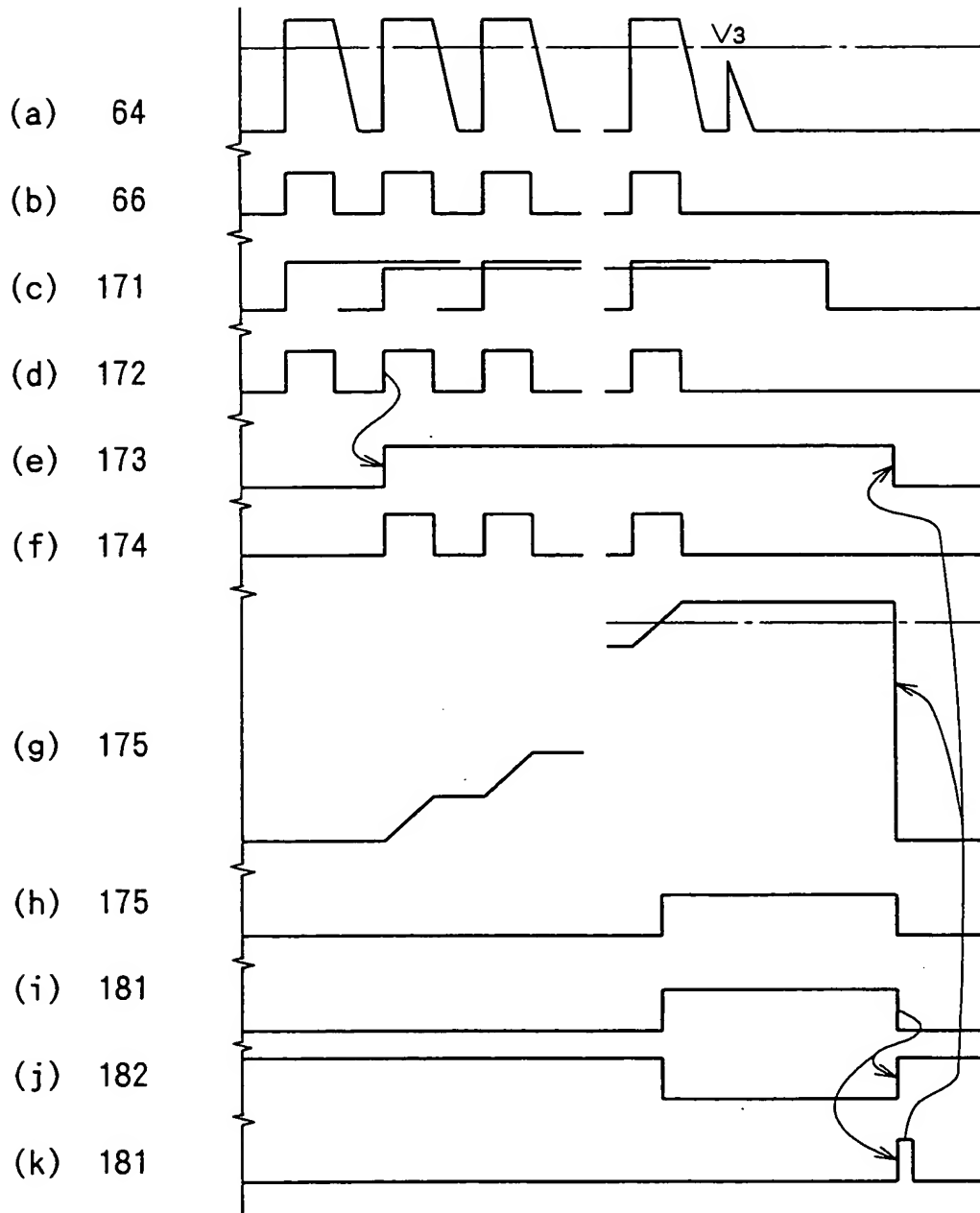


FIG. 12

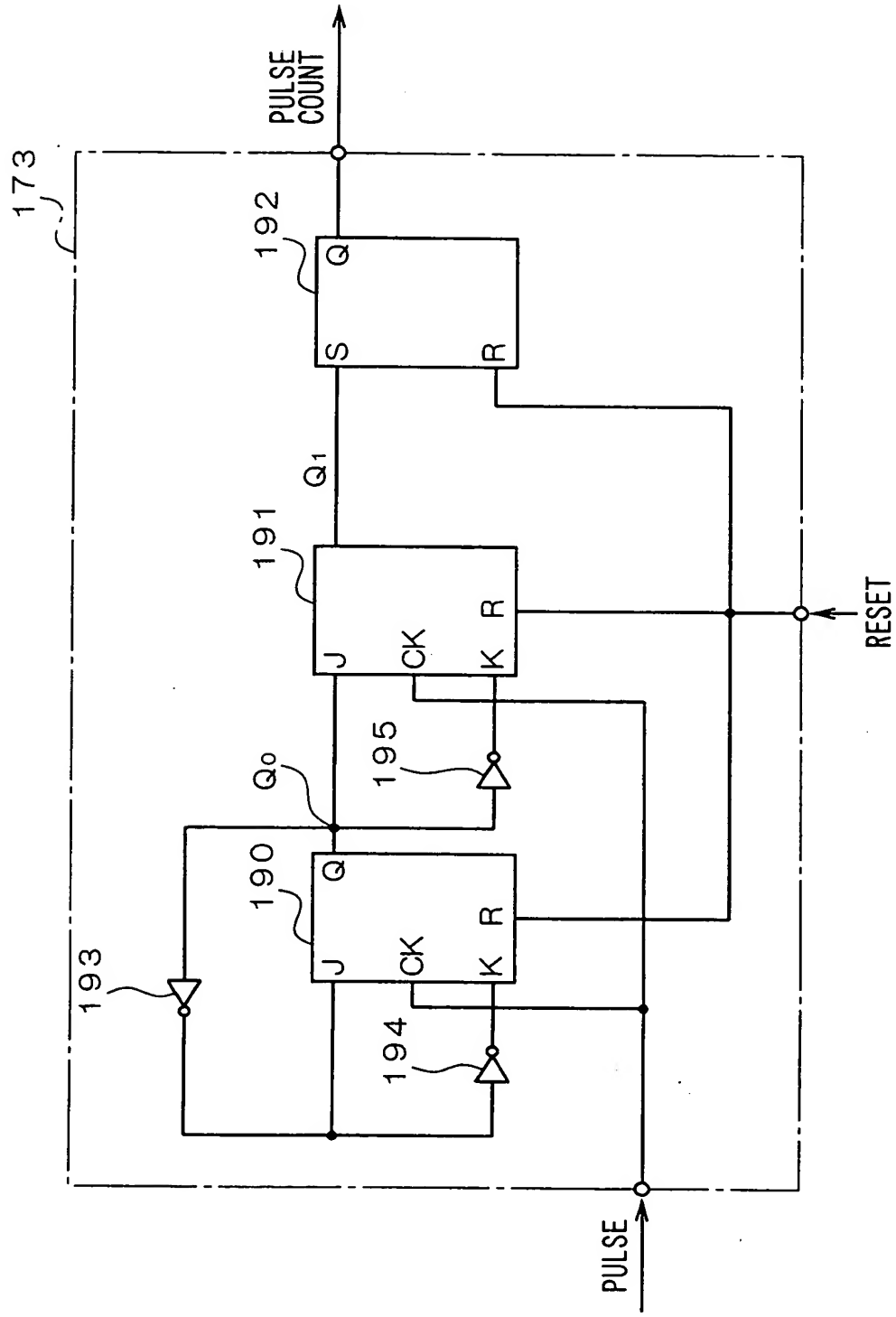


FIG. 13

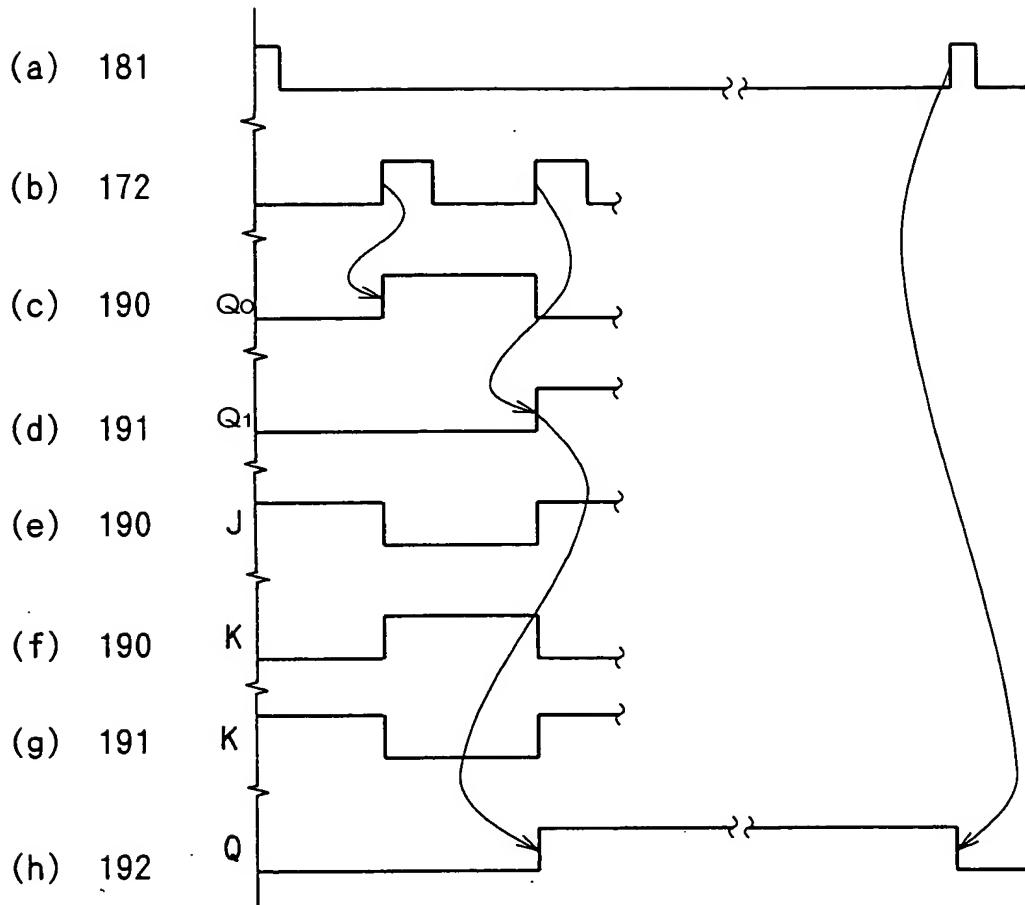


FIG. 14

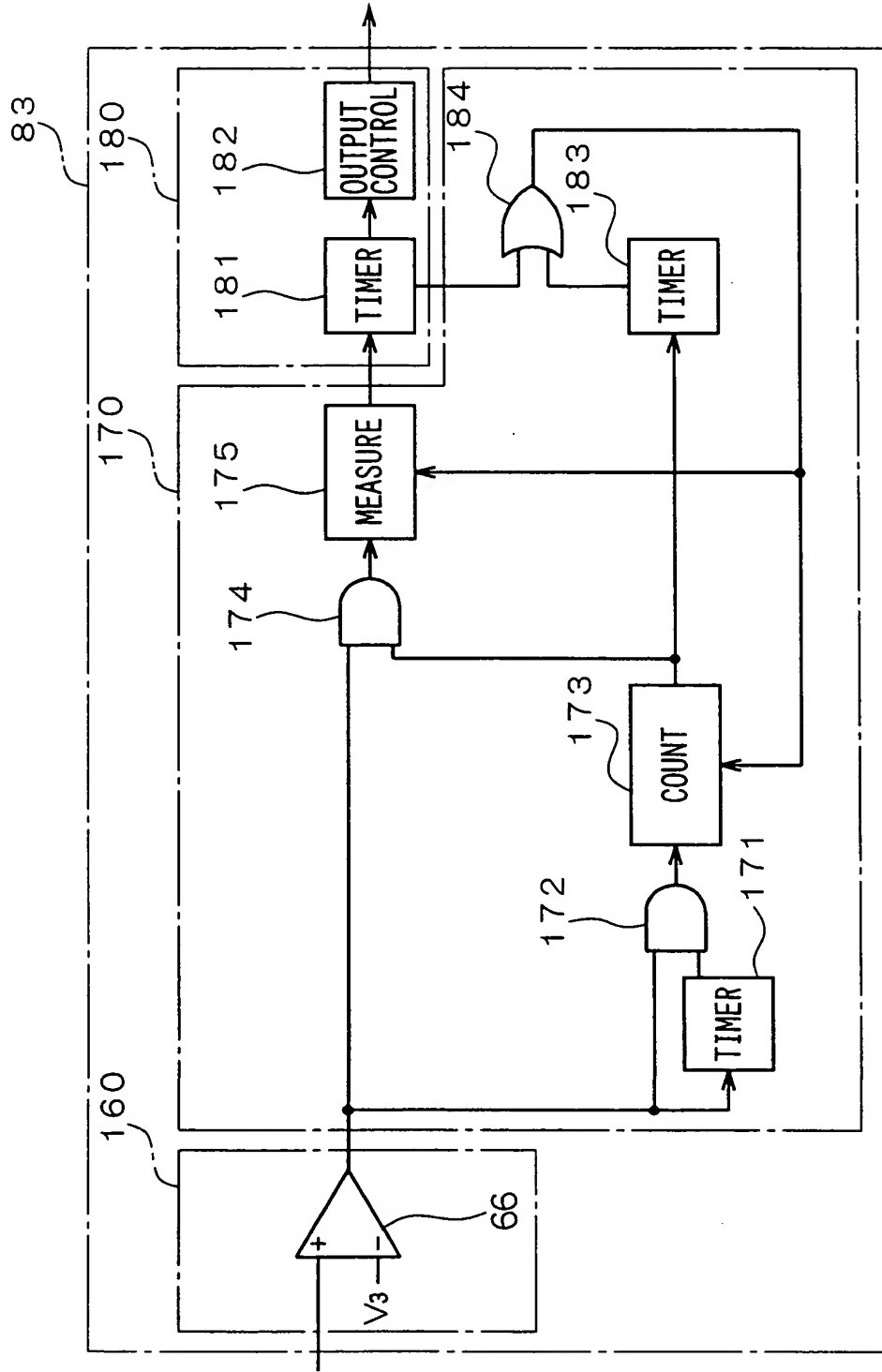


FIG. 15

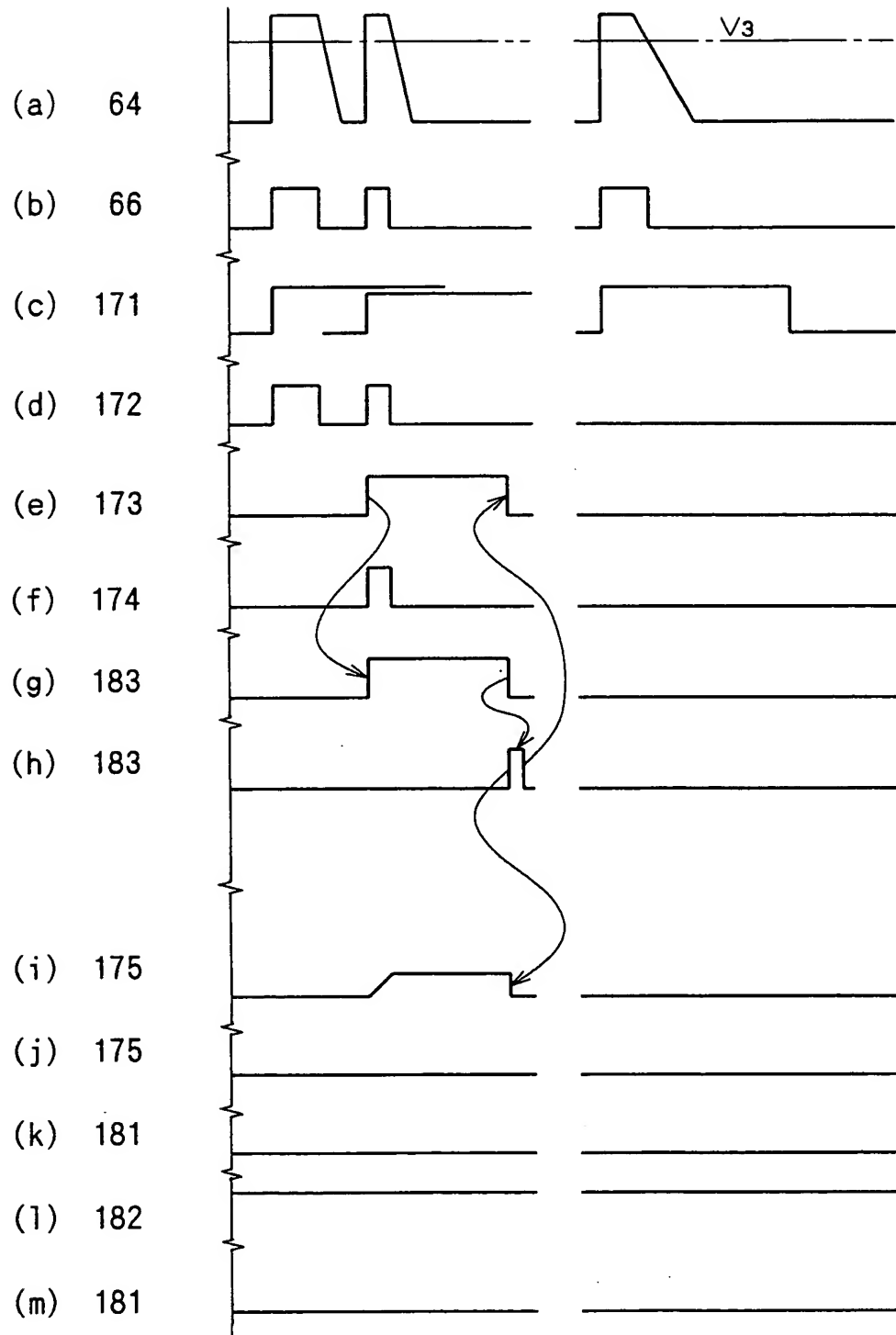


FIG. 16

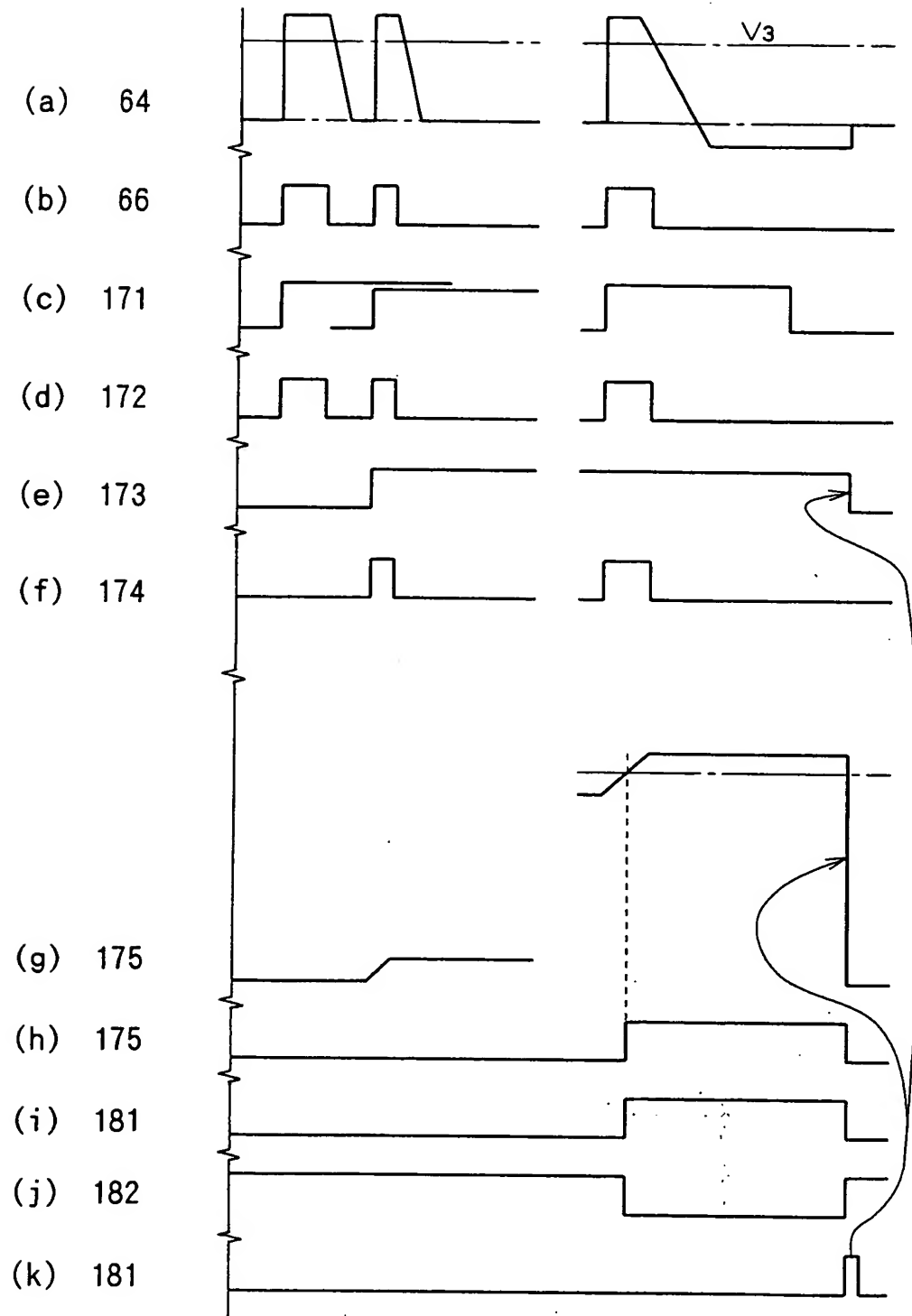


FIG. 17

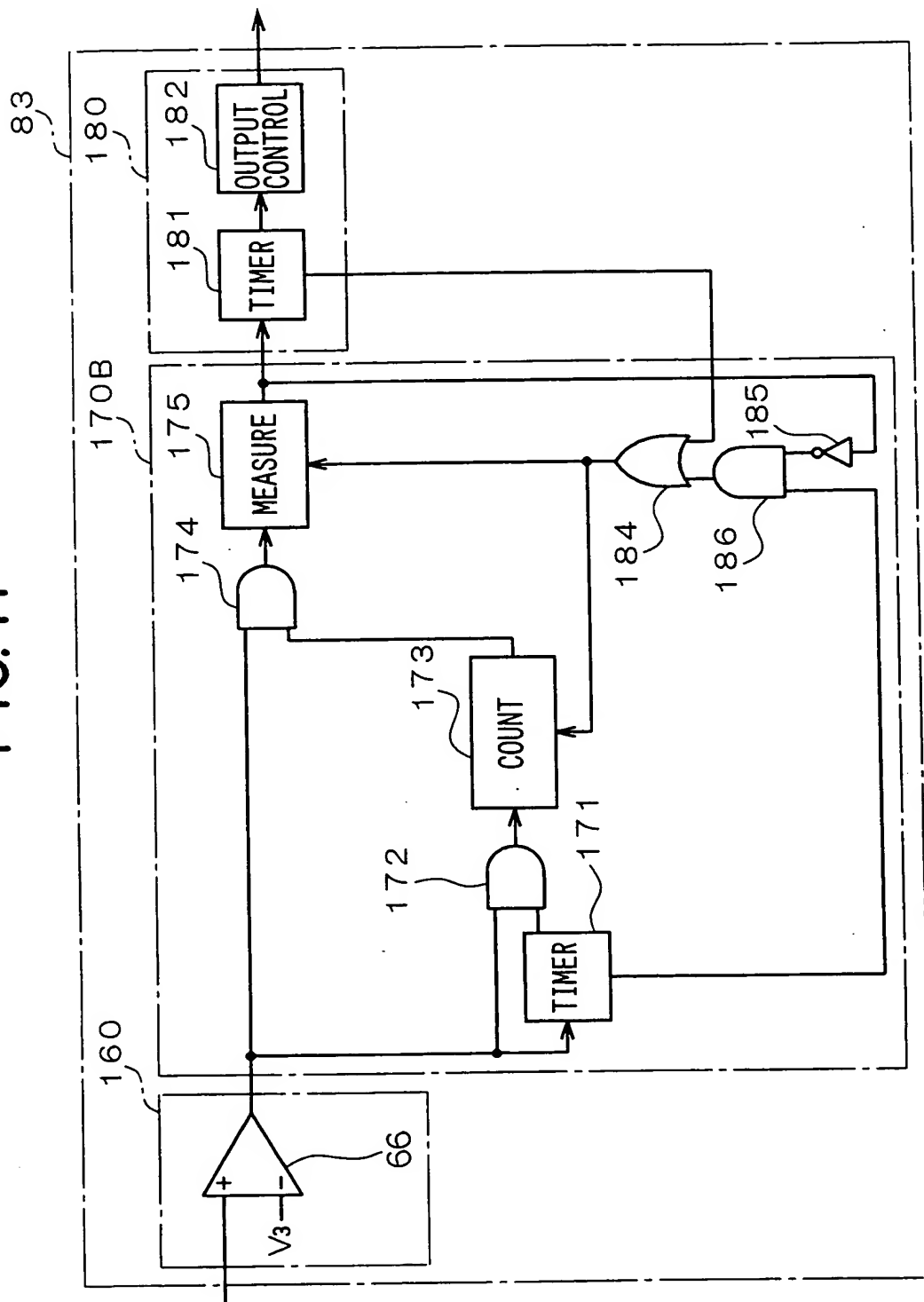


FIG. 18

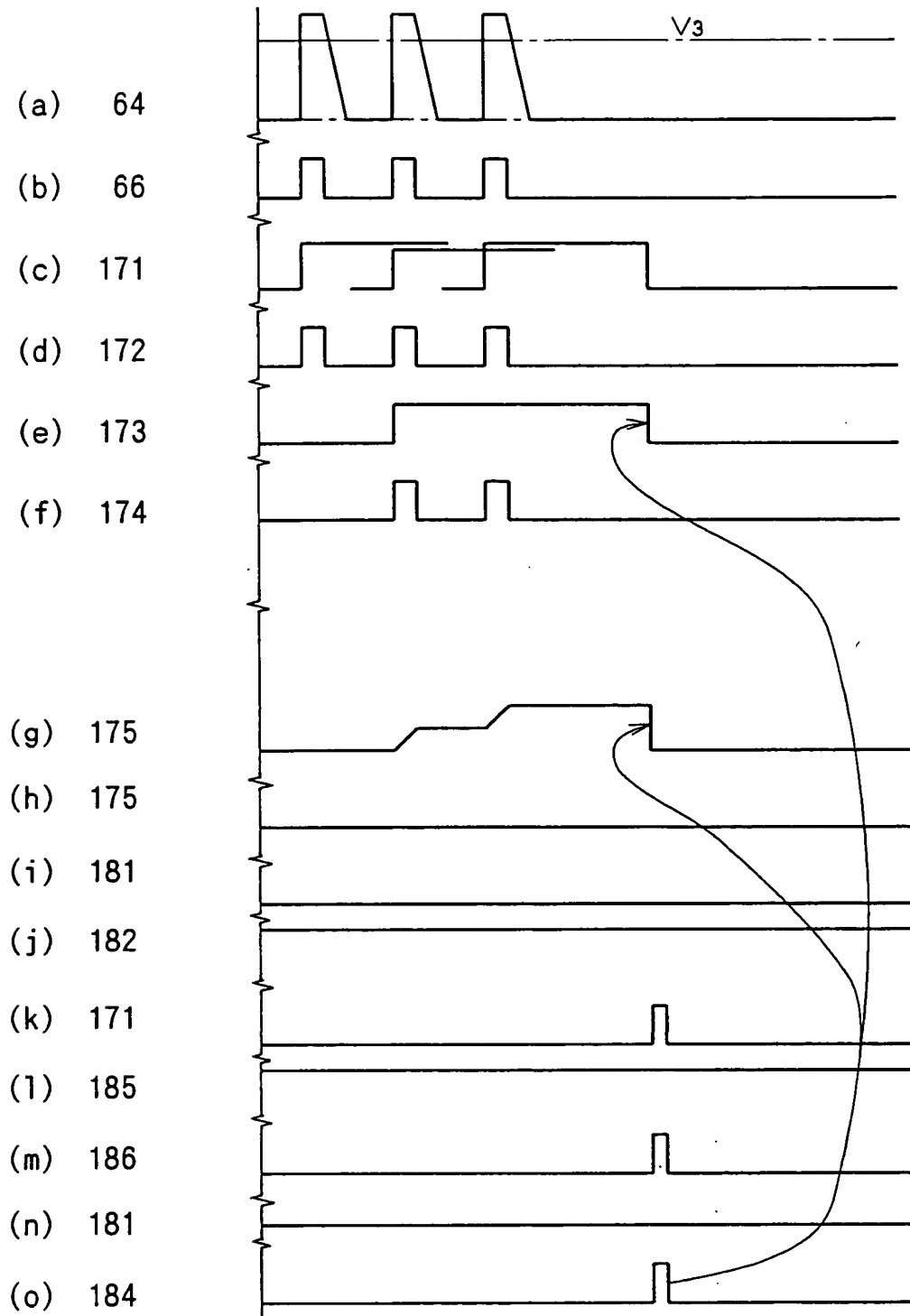


FIG. 19

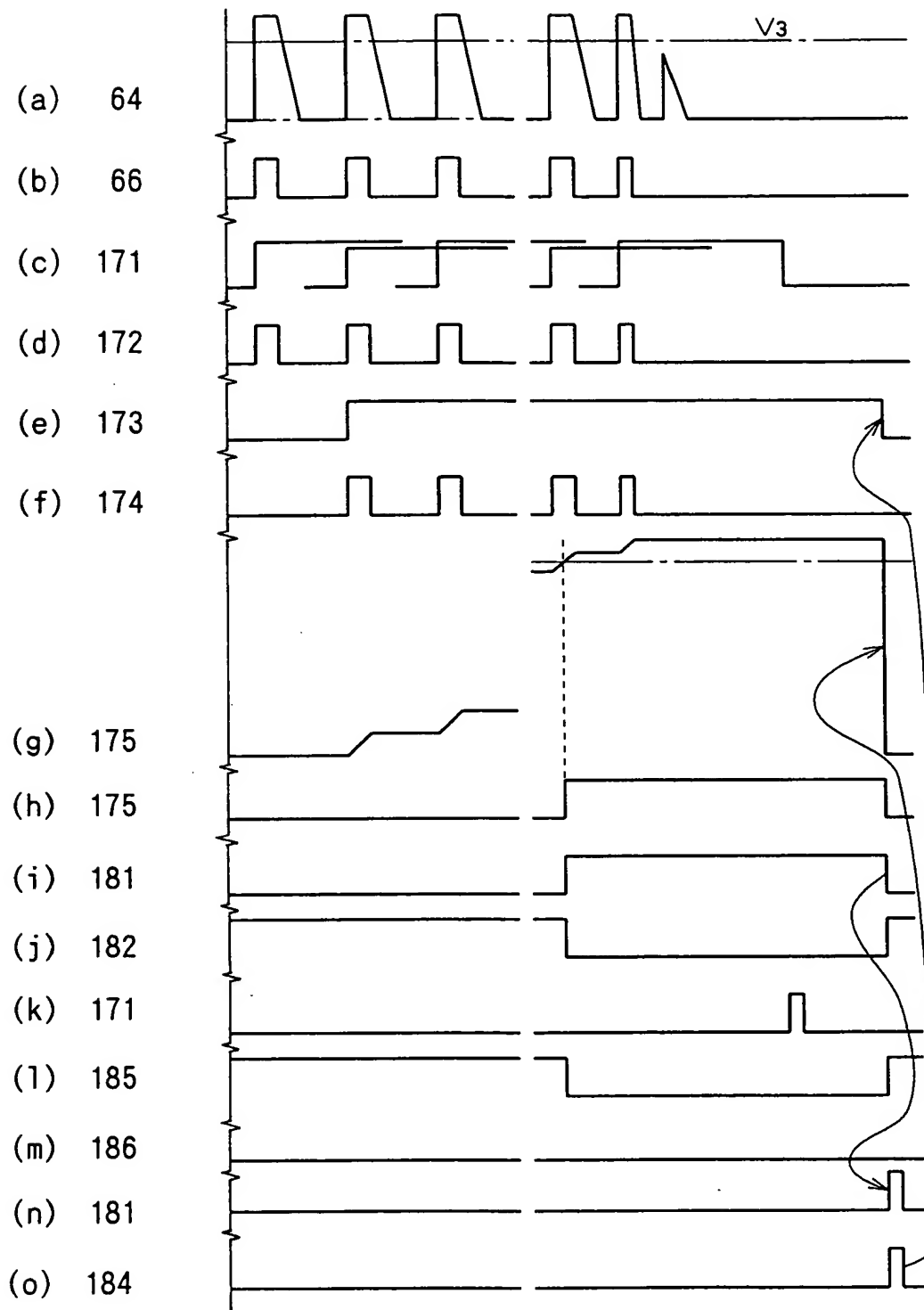


FIG. 20

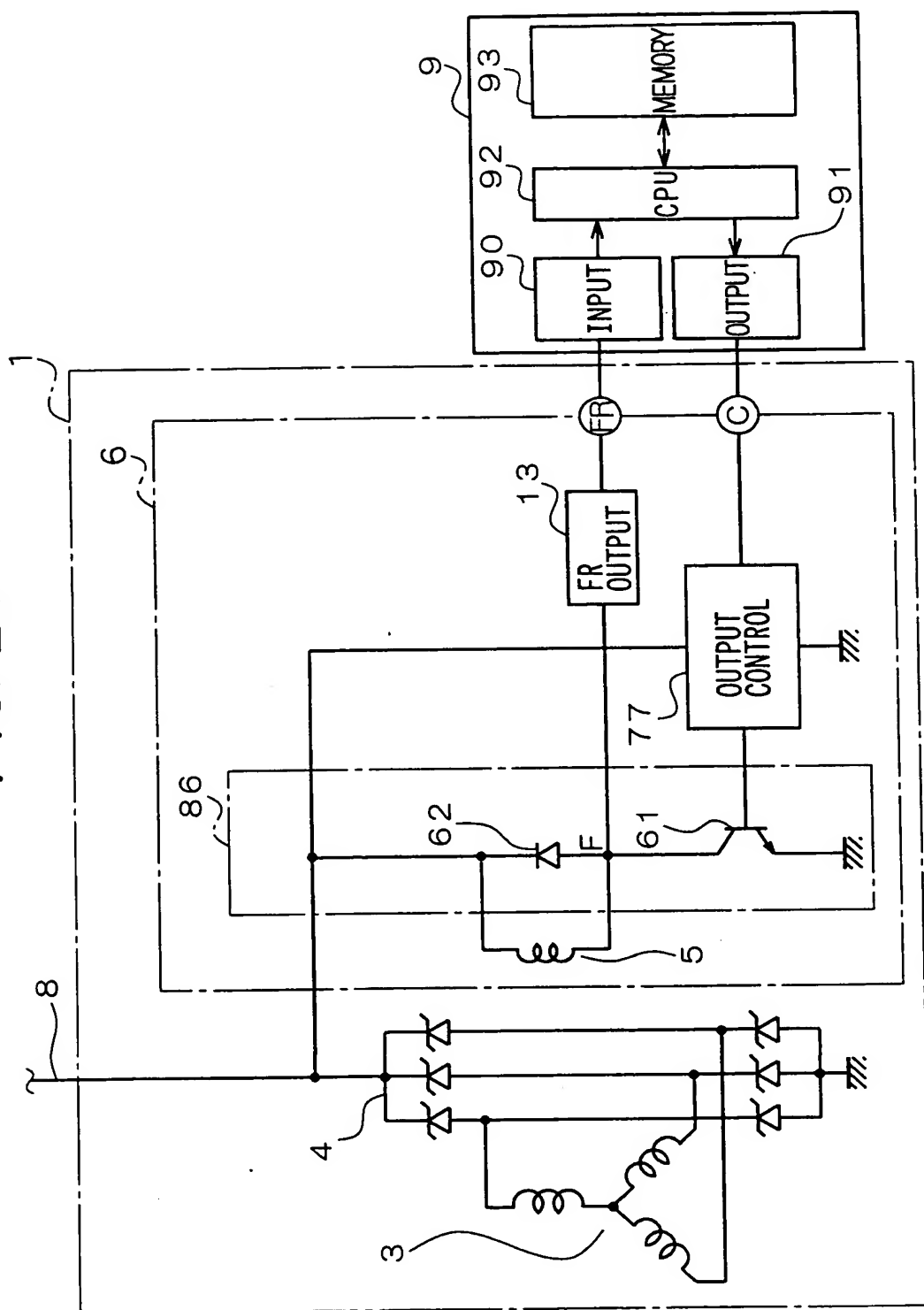


FIG. 21

